

## Flater

### Flater - filtr kasetowy do klimakonwektorów

Filtry kasetowe Flater są przeznaczone do ochrony przed kurzem i brudem węzownic w urządzeniach klimakonwektorowych (np. popularny typ: fan-coile). Filtry te wykonane są ze zgrzewanej ramy z drutu obszytej poliestrowym medium filtracyjnym. Zgrzewana rama z drutu o średnicy 4 mm tego filtra jest sztywna, bez ostrych krawędzi i w przypadku większych powierzchni filtracyjnych jej konstrukcja jest uzupełniana o dodatkowe elementy usztywniające. W zależności od typu filtra może on posiadać jedną lub dwie warstwy materiału filtracyjnego. Urządzenie klimakonwektorowe służy do kontroli temperatury tylko w obrębie jego zainstalowania i nie posiada systemu pomiaru spadku ciśnienia tak więc zalecana jest wymiana filtrów 2-3 razy do roku, w zależności od stopnia zabrudzenia.



| Klasa filtracji wg ISO 16890 | Klasa filtracji wg EN 779 | Szerokość [mm] | Wysokość [mm] | Głębokość [mm] | Nominalny strumień przepływu [m³/h] | Początkowy spadek ciśnienia ΔP [Pa] | Zalecany końcowy spadek ciśnienia ΔP [Pa] |
|------------------------------|---------------------------|----------------|---------------|----------------|-------------------------------------|-------------------------------------|-------------------------------------------|
| ISO Coarse 40%               | G2                        | 170            | 720           | 8              | 860                                 | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 170            | 1105          | 8              | 1310                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 170            | 1450          | 8              | 1730                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 195            | 800           | 8              | 1090                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 195            | 970           | 8              | 1320                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 195            | 225           | 8              | 310                                 | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 195            | 670           | 8              | 910                                 | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 195            | 970           | 8              | 1320                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 195            | 1000          | 8              | 1370                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 200            | 850           | 8              | 1190                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 200            | 960           | 8              | 1340                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 200            | 1145          | 8              | 1600                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 200            | 1260          | 8              | 1760                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 200            | 1800          | 8              | 2520                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 210            | 460           | 8              | 680                                 | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 210            | 860           | 8              | 1260                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 210            | 1060          | 8              | 1560                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 220            | 655           | 8              | 1010                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 220            | 800           | 8              | 1230                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 220            | 1000          | 8              | 1540                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 220            | 1220          | 8              | 1880                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 220            | 1395          | 8              | 2150                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 220            | 1600          | 8              | 2460                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 220            | 1835          | 8              | 2830                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 250            | 1350          | 8              | 2360                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 250            | 1350          | 8              | 2360                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 330            | 1150          | 8              | 2660                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 330            | 1650          | 8              | 3810                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 330            | 1220          | 8              | 2820                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 340            | 1330          | 8              | 3170                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 430            | 430           | 8              | 1290                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 440            | 450           | 8              | 1390                                | 20                                  | -                                         |
| ISO Coarse 40%               | G2                        | 450            | 750           | 8              | 2360                                | 20                                  | -                                         |
| ISO Coarse 50%               | G3                        | 170            | 720           | 8              | 860                                 | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 170            | 1105          | 8              | 1310                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 170            | 1450          | 8              | 1730                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 195            | 800           | 8              | 1090                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 195            | 970           | 8              | 1320                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 195            | 225           | 8              | 310                                 | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 195            | 670           | 8              | 910                                 | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 195            | 970           | 8              | 1320                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 195            | 1000          | 8              | 1370                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 200            | 850           | 8              | 1190                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 200            | 960           | 8              | 1340                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 200            | 1145          | 8              | 1600                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 200            | 1260          | 8              | 1760                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 200            | 1800          | 8              | 2520                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 210            | 460           | 8              | 680                                 | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 210            | 860           | 8              | 1260                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 210            | 1060          | 8              | 1560                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 220            | 655           | 8              | 1010                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 220            | 800           | 8              | 1230                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 220            | 1000          | 8              | 1540                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 220            | 1220          | 8              | 1880                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 220            | 1395          | 8              | 2150                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 220            | 1600          | 8              | 2460                                | 35                                  | -                                         |
| ISO Coarse 50%               | G3                        | 220            | 1835          | 8              | 2830                                | 35                                  | -                                         |

|                |    |     |      |   |      |    |   |
|----------------|----|-----|------|---|------|----|---|
| ISO Coarse 50% | G3 | 250 | 1350 | 8 | 2360 | 35 | - |
| ISO Coarse 50% | G3 | 250 | 1350 | 8 | 2360 | 35 | - |
| ISO Coarse 50% | G3 | 330 | 1150 | 8 | 2660 | 35 | - |
| ISO Coarse 50% | G3 | 330 | 1650 | 8 | 3810 | 35 | - |
| ISO Coarse 50% | G3 | 330 | 1220 | 8 | 2820 | 35 | - |
| ISO Coarse 50% | G3 | 340 | 1330 | 8 | 3170 | 35 | - |
| ISO Coarse 50% | G3 | 430 | 430  | 8 | 1290 | 35 | - |
| ISO Coarse 50% | G3 | 440 | 450  | 8 | 1390 | 35 | - |
| ISO Coarse 50% | G3 | 450 | 750  | 8 | 2360 | 35 | - |
| ISO Coarse 60% | G4 | 170 | 720  | 8 | 860  | 45 | - |
| ISO Coarse 60% | G4 | 170 | 1105 | 8 | 1310 | 45 | - |
| ISO Coarse 60% | G4 | 170 | 1450 | 8 | 1730 | 45 | - |
| ISO Coarse 60% | G4 | 195 | 800  | 8 | 1090 | 45 | - |
| ISO Coarse 60% | G4 | 195 | 970  | 8 | 1320 | 45 | - |
| ISO Coarse 60% | G4 | 195 | 225  | 8 | 310  | 45 | - |
| ISO Coarse 60% | G4 | 195 | 670  | 8 | 910  | 45 | - |
| ISO Coarse 60% | G4 | 195 | 970  | 8 | 1320 | 45 | - |
| ISO Coarse 60% | G4 | 195 | 1000 | 8 | 1370 | 45 | - |
| ISO Coarse 60% | G4 | 200 | 850  | 8 | 1190 | 45 | - |
| ISO Coarse 60% | G4 | 200 | 960  | 8 | 1340 | 45 | - |
| ISO Coarse 60% | G4 | 200 | 1145 | 8 | 1600 | 45 | - |
| ISO Coarse 60% | G4 | 200 | 1260 | 8 | 1760 | 45 | - |
| ISO Coarse 60% | G4 | 200 | 1800 | 8 | 2520 | 45 | - |
| ISO Coarse 60% | G4 | 210 | 460  | 8 | 680  | 45 | - |
| ISO Coarse 60% | G4 | 210 | 860  | 8 | 1260 | 45 | - |
| ISO Coarse 60% | G4 | 210 | 1060 | 8 | 1560 | 45 | - |
| ISO Coarse 60% | G4 | 220 | 655  | 8 | 1010 | 45 | - |
| ISO Coarse 60% | G4 | 220 | 800  | 8 | 1230 | 45 | - |
| ISO Coarse 60% | G4 | 220 | 1000 | 8 | 1540 | 45 | - |
| ISO Coarse 60% | G4 | 220 | 1220 | 8 | 1880 | 45 | - |
| ISO Coarse 60% | G4 | 220 | 1395 | 8 | 2150 | 45 | - |
| ISO Coarse 60% | G4 | 220 | 1600 | 8 | 2460 | 45 | - |
| ISO Coarse 60% | G4 | 220 | 1835 | 8 | 2830 | 45 | - |
| ISO Coarse 60% | G4 | 250 | 1350 | 8 | 2360 | 45 | - |
| ISO Coarse 60% | G4 | 250 | 1350 | 8 | 2360 | 45 | - |
| ISO Coarse 60% | G4 | 330 | 1150 | 8 | 2660 | 45 | - |
| ISO Coarse 60% | G4 | 330 | 1650 | 8 | 3810 | 45 | - |
| ISO Coarse 60% | G4 | 330 | 1220 | 8 | 2820 | 45 | - |
| ISO Coarse 60% | G4 | 340 | 1330 | 8 | 3170 | 45 | - |
| ISO Coarse 60% | G4 | 430 | 430  | 8 | 1290 | 45 | - |
| ISO Coarse 60% | G4 | 440 | 450  | 8 | 1390 | 45 | - |
| ISO Coarse 60% | G4 | 450 | 750  | 8 | 2360 | 45 | - |

Specyfikacja techniczna Flater

- Maksymalna temperatura pracy: 80 °C
- Maksymalna wilgotność względna: 90%
- Medium filtracyjne: włókno poliestrowe
- Zalecana wymiana filtra: okresowo, po zabrudzeniu
- Klasa filtracji zgodnie z normą: ISO 16890, EN 779

Opcje wykonania Flater

- Inne wymiary filtrów dostępne na zamówienie
- Wersja z siatką nylonową do regeneracji